Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Division

Name of Work: Providing Children playing Equipment near Allalsandra Lake in Ward No - 04

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	KSRB 2-2 : **Earthwork excavation by manual means** for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. (Page No 6, I.No.2.3)								
	Debris	3	30.00	6.00	0.30	162.00			
						162.00	**Cum**	**394.42**	**63896.04**
	Basic Rate Rs.=	299.00							
	Add 6% A.W Rs. =	17.94							
	Sub Total =	316.94							
	8Km Lead, Loading and Unloading =(2*1.28*8)+57	77.48							
	Total Rate Rs. =	394.42							
2	KSRRB M2100-10. Providing and laying **Plain cement concrete of mix 1:3:6** with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
	Children Play area kerb stone	3	90.00	0.20	0.10	5.40			
						5.40	**Cum**	**5421.90**	**29278.26**
	Basic Rate Rs.=	5115.00							
	Add 6% A.W Rs. =	306.90							
	Total Rate Rs. =	**5421.90**							
3	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of Mix 1:2:4** with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)								
	mass concrete for fixing equipments	30	0.60	0.75	0.60	8.10			
						8.10	**Cum**	**5747.32**	**46553.29**
	Basic Rate Rs.=	5422.00							
	Add 6% A.W Rs. =	325.32							
	Total Rate Rs. =	**5747.32**							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
4	Providing and fixing pre cast solid **cement concrete kerb stones** made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30)								
	Children Play area kerb stone	3	90.00			270.00			
						270.00			
						600.00	**Nos**	**432.48**	**259488.00**
	Basic Rate Rs.=	408.00							
	Add 6% A.W Rs. =	24.48							
	Total Rate Rs. =	**432.48**							
5	Painting two coats after filling the surface with **synthetic enamel paint** in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)								
	Children Play area kerb stone	3	90.00		0.30	81.00			
						81.00	**Sqm**	**84.80**	**6868.80**
	Basic Rate Rs.=	80.00							
	Add 6% A.W Rs. =	4.80							
	Total Rate Rs. =	**84.80**							
6	KSRRB 2.6 **Providing and filling sand** in trenches to required depth including watring ramming with all leads and lift complete as per specifications and directed by the engineer incharge at the site (P-7 I N-2.13 SR 2018-19)								
	Children Play area	3	25.00	20.00	0.30	450.00			
						450.00	**Cum**	**2183.60**	**982620.00**
	Basic Rate Rs.=	2060.00							
	Add 6% A.W Rs. =	123.60							
	Total Rate Rs. =	**2183.60**							
7	**Supply & fixing of children multi play equipment with spiral slide, monkey bar with number pannel** . Upright structural posts of height 4.2 m are to be hot dip galvanized steel with a 114 mm OD and 2.2mm wall thickness of tubing . Roof of size 1.9m x 1.7m x 0.77 m , spiral slide of size2.56m x 1.85m x 2.68m. Top rails of monkey bar size 1.8m x 1.3m are all robotic welded & fabricated from 48mm OD galvanized steel pipes for the outer bars &32 mm OD galvanized steel for the inner parallel bars with a baked on powder coated finish. Deck of size 1.45 x 1.45 m are pressed and punched , welded ,sand blasted ,powder coated to 2.2mm thickness or vinyl coated to a thickness of 4mm . Deck of size 1.45 x 1.45 m are pressed and punched , welded ,sand blasted ,powder coated to 2.2mmthickness or vinyl coated to a thickness of 4mm. Deck, step, platform ,stairs, baffle shall be all robotic welded. Inclined ramps of size 1.92m x 0.65m , stair case of size 1.5m x 0.77m are fabricated from solid 2mm perforated solid punched steel Frisbee climber , piped walls of size 1 m are robotic welded , fabricated from 32 mm OD galvanized steelpipes for outer and 25mm OD galvanized steel pipes for inner bar with baked on powder coat finish.The poles welded on to base plate made from steel with 114mm inner dia double slide of size 2.2 m x 1.5m x 1.45 m panel. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges (Data approved rate)								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						2.00			
		2				2.00	Each	1915900.0	3831800.00
	Data Rate	1915900.00							
8	**Supply and fixing of childern Multi Play Equipment with curved slide, tunnel and side panels :** Upright structural posts of height 2.2m, 2.4m are to be HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing.The poles are welded on to a base plate made from steel with 114mm inner diameter. Deck of size 1.45 x 1.45m,Impending stairs of size 0.80m x 0.60m and 1.05 m x 0.68 m are fabricated from 2mm perforated solid punched steel along with a curved Slide of size 1.7m x 1.8m x 1.2m Coupled with the tunnel are made of super thick plasticwhich shelle be animated and rotationally molded from antistatic, copolymer, virgin((LLDPE) which is UV stabilized with color molded in and minimum thickness of 6 -8mm. Unit consist of Deck of size 1.45 x 1.45m and Staircase of size 1.74 m x 1.32 m along with Triple Slide of size 3.95m x 2.93m x 1.80m with stairs, Plastic Components[super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 -8mm.Roof of size 2.00m x 1.78m, Spiral tube Slide of size 3.2 m x 1.82mx 2.7m along with Monkey loop climber 1.87m x 1.15m x 0.6m which has thickness of 48 mm curved bar supports are all robotic welded fabricated from 32 O.D. GI pipes for the outer pipes and 25mm O.D. Also consisting of Deck of size 1.45 x 1.45m Plastic Components shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 -8mm.The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges (Data approved rate)								
		1				1.00			
						1.00	Each	3879484.0	3879484.00
	Data Rate	3879484.00							
9	**Supply and fixing of childern Play Equipment Fiero A Swing :** Shaped structural posts of height 2.31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges (Data approved rate)								
		3				3.00			
						3.00	Each	126892.0	380676.00
	Data Rate	126892.00							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
10	**Supply and fixing of childern Play Equipment Two seater seesaw :** The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges (Data approved rate)								
		3				3.00			250434.00
						3.00	Each	83478.0	
	Data Rate	83478.00							
								Total Construction Cost	9731098.39
	11,67,731-80							For SR Items 12% GST Charges	166644.53
								PMC Charges	97,310.98
								Sub Total	9995053.90
								Utility Shifting, Miscellaneous, Rounding off	4,946.10
								GRAND TOTAL	10000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle 2018-19

Ramaganjeevaiah
Assistant Engineer
Ward No-4
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka New Town Sub Division
BBMP Bangalore

Executive Engineer,
Yelahanka Division
BBMP Bangalore

Administrative Sanction for Rs. .....1.00.00 lakhs
.....one crore only.....
.....
is accorded under head .2018-19 Special
development work P-3400.....
.....
Registered as CE No. ..... Subject
to conditions contained in enclosed memo
No EE/YNK/AS/07/2020-21 Dt. .....

Executive Engineer

Technical Sanction
Accorded For ...1.00.00 Lakhs
Head of A/C.....P-3400
CER NO :.....40..... Dt:..01-07-2

CE (YNK)

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN

150 - YELAHAN

Ramanjaiah

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09